| Index of Claims                   | Application/Control No. | Applicant(s)/Patent under Reexamination |
|-----------------------------------|-------------------------|---|
|                                   | 09/942,723              | SAITO, TAKESHI                          |
|                                   | Examiner                | Art Unit                                |
| 1881                              | Bernarr E. Gregory      | 3662                                    |
| √ Rejected _ (Through nu Cancelle | meral) N Non-Elected    | A Appeal                                |

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| Cla               |          |          |          |          |           |   |                 |                 |                 |          |             |         |                     |                |           |              |          |                 |               |          |          |   |                        |            |           |          |              |          |          |          |          |  |        |
|-------------------|----------|----------|----------|----------|-----------|---|-----------------|-----------------|-----------------|----------|-------------|---------|---------------------|----------------|-----------|--------------|----------|-----------------|---------------|----------|----------|---|------------------------|------------|-----------|----------|--------------|----------|----------|----------|----------|--|--------|
| Cla               |          | Data     |          |          |           |   |                 |                 |                 | $\neg$   | Claire Date |         |                     |                |           |              |          |                 | ۱ ۱           |          | -: T     |   |                        |            | _         | ate      |              |          |          |          |          |  |        |
|                   |          |          |          |          |           | -   | -               | Claim           |                 |          |             |         | Date                | 9<br>          |           |              | $\dashv$ |                 | Uli           | aim      | _        |   | Т                      |            |           |          |              |          |          |          |          |  |        |
| Final             | Original | 12/21/05 |          |          |           |   |                 |                 |                 |          |             | Final   | Original            |                |           |              |          |                 |               |          |          |   | Final                  | Original   |           |          |              |          |          |          |          |  |        |
| $\dashv$          | 1        | v        | H        | $\dashv$ |           |   | -               | Н               | -               | -        | $\vdash$    |         | 51                  |                | ╁         | +            | ╁        | Н               | $\dashv$      | $\dashv$ | $\dashv$ |   |                        | 101        | +         | +        | +            | $\dashv$ | $\dashv$ | -        | -        | $\dashv$                                       |        |
| -                 | 2        | v        | $\vdash$ | $\neg$   | $\dashv$  | $\vdash$  |                 | Н               | H               | $\dashv$ |             |         | 52                  | $\top$         | +         | ╅            | ╁        | Н               | _             | ┪        | $\dashv$ |   |                        | 102        | $\dashv$  | +        | +            | $\dashv$ | $\dashv$ |          | _        | $\dashv$                                       |        |
| $\dashv$          | 3        | v        | Ħ        | ╗        |           | H   |                 |                 | Н               | $\neg$   | F           |         | 53                  | $\top$         | +         | +-           | †        | Н               | $\dashv$      | $\dashv$ | $\dashv$ |   |                        | 103        | $\dashv$  | -        | +            | T        | _        | _        | $\neg$   | +  | _      |
| $\neg$            | 4        | V        |          |          |           |   |                 |                 |                 |          |             |         | 54                  |                | ╅         | $\top$       |          | П               | $\dashv$      | $\dashv$ | $\neg$   |   |                        | 104        | _         | $\top$   | 1            | T        |          |          | $\dashv$ | $\top$   | _      |
| $\neg$            | 5        | V        |          |          |           | П   |                 |                 |                 |          |             |         | 55                  |                | $\top$    | $\top$       | 1        |                 |               |          |          |   |                        | 105        | $\neg$    | 7        | T            | 7        |          |          | $\dashv$ | 寸  |        |
|                   | 6        | >        |          |          |           |   |                 |                 |                 |          |             |         | 56                  |                |           |              |          |                 |               |          |          |   |                        | 106        | $\Box$    |          |              |          |          |          |          | T  |        |
|                   | 7        | ٧        |          | _        |           | $oxed{oxed}$  | L               |                 |                 |          |             |         | 57                  |                |           |              |          |                 |               |          |          |   |                        | 107        |           |          |              | $\Box$   |          |          |          |  |        |
|                   | 8        | ٧        | $\Box$   |          |           | $ldsymbol{ld}}}}}}$ | Ш               | Ш               | Ш               |          |             |         | 58                  | $\perp$        | $\perp$   | ┸            | _        | Ш               |               | _        | $\Box$   |   |                        | 108        | _         | $\perp$  | 1            | _        | $\dashv$ | _        | _        | _  |        |
|                   | 9        | ٧.       | _        | _        |           |   |                 | Ш               |                 |          |             |         | 59                  |                | $\bot$    | ╀            |          |                 | 4             | _        | _        |   |                        | 109        | _         | $\perp$  | 4            | _        | _        | _        | _        | _  |        |
|                   | 10       | ٧        | $\sqcup$ | 4        | $\square$ | $\vdash$  | H               | Н               | Н               | Щ        | <u> </u>    |         | 60                  | +              | +         | +            |          |                 | $\dashv$      | 4        | $\dashv$ |   |                        | 110        | -         |          | 4            | $\dashv$ | _        |          | $\dashv$ | +  | _      |
| $\dashv$          | 11       | >        | $\sqcup$ | $\dashv$ | $\dashv$  | $\vdash$  | $\vdash \vdash$ | Н               | Н               | $\dashv$ | $\vdash$    |         | 61                  | +              | +         | +-           | +        | $\vdash \mid$   |               | 4        | $\dashv$ |   |                        | 111        | +         | -        | 4            |          | _        | _        | _        | $\dashv$                                       |        |
| $\dashv$          | 12<br>13 | =        |          | $\dashv$ |           |   | $\vdash$        | Н               | H               | $\dashv$ | -           |         | 62<br>63            | -              | +         | -            | +-       | $\vdash$        | $\dashv$      | -        | $\dashv$ |   | $\vdash \vdash$        | 112<br>113 | +         |          | +            | -        | -        | $\dashv$ | +        | +  |        |
|                   | 14       | =        | $\dashv$ | $\dashv$ | -         | $\vdash$  | $\vdash$        | Н               | Н               | $\dashv$ | $\vdash$    |         | 64                  | +              | +         | +            | +        | $\vdash \vdash$ | $\dashv$      | -        | $\dashv$ |   | $\vdash$               | 113        | +         | +        | +            | ┥        | -        | $\dashv$ |          | +  | _      |
| $\dashv$          | 15       | 11       | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$  | H               | Н               | Н               | $\dashv$ | $\vdash$    |         | 65                  | +              | +         | +            | +        | $\vdash$        | ᆉ             |          | ⊣        |   | $\vdash$               | 115        | +         | +        | +            | $\dashv$ | $\dashv$ |          | $\dashv$ | +  |        |
| $\dashv$          | 16       |          | $\vdash$ |          |           | <del>                                     </del>  | -               | H               | $\vdash$        |          | -           |         | 66                  | -              | +         | +            | +        | $\vdash$        | $\dashv$      | $\dashv$ | $\dashv$ |   |                        | 116        | $\dashv$  | +        | +            | $\dashv$ | $\dashv$ | _        | +        | $\dashv$                                       | _      |
| $\neg$            | 17       |          |          | 7        |           |   | H               | H               | H               |          |             |         | 67                  | $\dashv$       | +         | +-           | 十        | $\vdash$        | 十             | $\dashv$ | $\dashv$ |   |                        | 117        | $\top$    | +        | $\dashv$     | -        | $\dashv$ |          | $\dashv$ | $\dashv$                                       |        |
|                   | 18       |          |          |          |           |   |                 |                 | П               |          |             |         | 68                  | _              | ╅         | $\top$       | 1        |                 | 寸             | ┪        |          |   |                        | 118        | ┪         | $\dashv$ | +            | _        | 寸        | ┪        | 一        | 十  | _      |
| $\neg$            | 19       |          |          |          |           | Г   |                 | П               |                 |          |             |         | 69                  |                | ┪         | 1            | T        |                 |               | ヿ        |          |   |                        | 119        | す         | 十        | $\dashv$     | $\neg$   | T        | T        | $\dashv$ | T  |        |
| $\neg$            | 20       |          |          |          |           |   |                 | П               | П               |          |             |         | 70                  |                | T         |              | 1        |                 | $\exists$     | T        |          |   |                        | 120        | $\dashv$  |          | 寸            | ヿ        | $\neg$   | 一        |          | T  | _      |
|                   | 21       |          |          |          |           |   |                 |                 |                 |          |             |         | 71                  |                |           |              |          |                 |               |          |          |   |                        | 121        | $\neg$    | T        | $\Box$       | T        |          |          |          | T  |        |
|                   | 22       |          |          |          |           |   |                 |                 |                 |          |             |         | 72                  | $\Box$         |           |              |          |                 |               |          |          |   |                        | 122        |           |          |              |          |          |          |          |  |        |
|                   | 23       |          |          | _        |           |   |                 |                 |                 |          | L           |         | 73                  |                |           |              |          |                 |               |          | ]        |   |                        | 123        |           |          | $\perp$      |          |          | _        |          |  |        |
| $\dashv$          | 24       | _        | _        | _        |           |   |                 | Ш               |                 |          |             |         | 74                  |                |           | 1            |          |                 | _             | _        |          |   |                        | 124        | $\perp$   | $\perp$  | 4            | _        | _        | _        | _        | _  |        |
| $\longrightarrow$ | 25       |          | _        | _        | $\Box$    |   |                 | Ш               |                 |          | $\vdash$    |         | 75                  | _              | +         | $\bot$       |          | $\sqcup$        | $\rightarrow$ | _        | _        |   |                        | 125        | _         | _        | _            | _        | _        | _        | _        | 4  |        |
| $\dashv$          | 26       |          | $\dashv$ |          |           |   | Н               | $\vdash$        | Н               |          | -           |         | 76                  | +              | +         | +            | ⊢        | $\sqcup$        | $\dashv$      | $\dashv$ | _        |   |                        | 126        | _         | +        | +            | 4        | $\dashv$ | -        | -        |  | _      |
| -                 | 27<br>28 |          |          | $\dashv$ | $\dashv$  |   | _               | Н               |                 |          |             |         | 77<br>78            | +              | +         | +            | -        | $\vdash$        | -+            |          |          |   |                        | 127<br>128 | +         | +        | +            | $\dashv$ | -        |          | -        | -  |        |
| -+                | 29       | _        | $\dashv$ | $\dashv$ | $\dashv$  | Н   |                 | Н               | Н               | $\dashv$ | $\vdash$    |         | <del>70</del><br>79 |                | +-        | ╁            | -        | $\dashv$        | $\dashv$      | $\dashv$ | $\dashv$ |   |                        | 128        | +         | +        | +            | $\dashv$ | $\dashv$ | $\dashv$ | +        | -  |        |
| $\dashv$          | 30       | -        | $\dashv$ | $\dashv$ | -         | -   | $\vdash$        | $\vdash$        | -               | $\dashv$ | -           |         | 80                  | $\dashv$       | +         | +            | ╁        | $\vdash$        | $\dashv$      | $\dashv$ | $\dashv$ |   |                        | 130        | +         | +        | +            | $\dashv$ | $\dashv$ | $\dashv$ | -        | _  |        |
| $\dashv$          | 31       | _        | $\dashv$ | ᅱ        | $\dashv$  | -   | $\vdash$        | -               | $\vdash$        | ᅱ        | <u> </u>    |         | 81                  | $\dashv$       | +         | +            | $\vdash$ | $\vdash$        | $\dashv$      | $\dashv$ | $\dashv$ |   |                        | 131        | +         | +        | +            | +        | -        | $\dashv$ | ┪        | -  |        |
|                   | 32       |          | $\dashv$ | $\dashv$ | $\dashv$  |   |                 | H               | Н               |          |             |         | 82                  | _              | +         | +            | $\vdash$ |                 | _             | $\dashv$ | 一        |   |                        | 132        | +         | +        | +            | _        | ┪        | ┪        | $\dashv$ | $\dashv$                                       |        |
| $\neg \dagger$    | 33       |          | $\dashv$ |          |           | П   | П               | $\vdash$        | H               | $\neg$   |             | _       | 83                  | 7              | $\top$    | 1            | $\top$   | $\vdash$        | _             | $\dashv$ | $\dashv$ |   |                        | 133        | $\dashv$  | 十        | +            | $\dashv$ | 1        | ᅦ        | $\dashv$ | $\dashv$                                       | _      |
|                   | 34       |          |          |          |           |   |                 |                 |                 | $\neg$   |             |         | 84                  | 十              | $\top$    | 1            | $\top$   |                 | $\neg$        | 寸        | $\dashv$ |   |                        | 134        | $\top$    | $\dashv$ | 十            | 寸        | 寸        | 寸        | $\dashv$ | $\dashv$                                       | _      |
|                   | 35       |          |          |          |           |   |                 |                 |                 |          |             |         | 85                  |                |           | $\perp$      |          |                 |               |          |          |   |                        | 135        | _         |          | _            |          | _        | ╗        |          |  |        |
|                   | 36       |          |          |          |           |   |                 |                 |                 |          |             |         | 86                  |                | I         | $oxed{\Box}$ |          |                 |               |          |          |   |                        | 136        |           |          |              |          |          |          |          |  | _      |
| I                 | 37       |          |          | ╝        | $\Box$    |   |                 | Ш               |                 |          |             |         | 87                  | $\perp \Gamma$ |           | _            | $\perp$  |                 | Ţ             |          |          |   |                        | 137        | Ţ         |          | I            | $\Box$   |          |          | 工        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{T}}}$ |        |
|                   | 38       |          | _        | _        | ļ         | Ш   | Ш               | Ш               | Ш               |          | $\perp$     |         | 88                  |                | _         | 4            | ↓_       | <u> </u>        | $\perp$       |          |          |   | $oxed{oxed}$           | 138        | _         |          | 1            | $\Box$   | _        | _[       | [        |  |        |
|                   | 39       |          | _        | _        | _         | Ш   | Ш               | Ш               | $\sqcup$        |          | $\vdash$    | $\perp$ | 89                  | +              | 4         | 4-           | ـ        | $\sqcup$        | 4             | _        |          |   | $\sqcup$               | 139        | +         | $\perp$  | $\downarrow$ | $\dashv$ | _        | 4        | _        | $\perp$  |        |
| $\longrightarrow$ | 40       | $\vdash$ |          |          |           | <u> </u>  | $\vdash \vdash$ | $\vdash \vdash$ | $\square$       |          | $\vdash$    |         | 90                  | +              | +         | +            | $\vdash$ | dash            | $\dashv$      |          |          |   | <b>  </b>              | 140        | 4         | - -      | 4            | $\dashv$ | _        | _        | _        | -  | _      |
|                   | 41<br>42 |          |          |          |           |   | $\vdash$        |                 | $\vdash$        |          |             |         | 91<br>92            | +              | +         | +            | -        | $\vdash \vdash$ | $\dashv$      | 4        |          |   |                        | 141        | +         | +        | +            | $\dashv$ |          | _        | $\dashv$ | +  |        |
| -+                | 43       |          | _        | $\dashv$ |           |   | $\dashv$        | $\vdash$        | $\vdash$        |          | $\vdash$    |         | 93                  | +              | +-        | +            | +-       |                 | -+            | -        |          |   | $\vdash \vdash \vdash$ | 142        | +         | +        | +            | }        |          | 4        | -        | $\dashv$                                       | _      |
|                   | 44       | $\dashv$ | +        | $\dashv$ |           | $\vdash$  | $\vdash$        | $\vdash$        | $\vdash$        | -        | $\vdash$    | +       | 94                  | +              | +         | +            | $\vdash$ | $\vdash$        | $\dashv$      |          |          |   | $\vdash \vdash \vdash$ | 143        | +         | +        | +            | $\dashv$ |          | ᅱ        | -+       | +  | _      |
| $\dashv$          | 45       | $\vdash$ | $\dashv$ | $\dashv$ | -         |   | Н               | $\vdash$        | $\vdash \vdash$ | $\dashv$ | $\vdash$    |         | 95                  | +              | ╁         | +            | ┼-       | $\vdash$        | $\dashv$      | $\dashv$ | $\dashv$ |   | $\vdash \vdash \vdash$ | 145        | +         | +        | +            | +        | $\dashv$ | ┪        | $\dashv$ | +  |        |
| $\dashv$          | 46       | -        | -        | $\dashv$ | -         | H   | $\vdash$        | $\vdash$        | $\vdash$        | $\dashv$ |             | 十       | 96                  | +              | +         | +            |          | $\vdash$        | $\dashv$      | +        |          |   |                        | 146        | +         | +        | +            | $\dashv$ | -+       | -        | $\dashv$ | +  |        |
| $\dashv$          | 47       | Н        | 7        | ᅥ        |           |   |                 | H               | $\vdash$        |          |             | 一十      | 97                  | +              | $\top$    | $\top$       | T        |                 | +             | ᅥ        | $\dashv$ | ì |                        | 147        | +         | $\top$   | $\dagger$    | $\dashv$ | $\dashv$ | ᅥ        | $\dashv$ | $\dashv$                                       | _      |
|                   | 48       |          |          |          |           |   | $\Box$          |                 |                 |          |             |         | 98                  | _              | $\top$    |              |          |                 |               | 7        | $\neg$   | Ì |                        | 148        | $\dagger$ | $\top$   | $\top$       | 7        | 7        |          | $\neg$   | $\dashv$                                       | _      |
|                   | 49       |          |          |          |           |   |                 |                 |                 |          |             | ĺ       | 99                  |                |           |              |          |                 |               | _        |          | Ì |                        | 149        |           |          | _            |          | _†       |          |          |  | $\neg$ |
|                   | 50       |          |          |          |           |   |                 |                 |                 |          |             |         | 100                 | $oxed{\Box}$   | $oxed{T}$ | $oxed{\Box}$ |          |                 | J             |          |          |   |                        | 150        | I         | I        |              | $\Box$   | コ        |          |          |  |        |